```
Result
No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Database
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Post-processing:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Maximum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Minimum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            protein
                                                                                                                                                                                                                                                                                                                   Pred. No. is the number of results predicted by chance to have score greater than or equal to the score of the result being and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB seq
                                                                                                                                                                                                                         Score
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               •
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     length: 0
length: 2000000000
                                                                                                                                                                                                                         Query
Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-893-615-89
556
1 QIVLSQSPAILSAS
                                                                                                                                                                                                                                                                                                                                                                                                         BLOSUM62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    A_Geneseq_101002:*
1: /SIDS2/gcgdata/
2: /SIDS2/gcgdata/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          908470 seqs, 133250620 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 November 27, 2002, 05:38:32;
    94.6
94.6
94.6
94.6
93.7
93.7
93.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Minimum Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             QIVLSQSPAILSASPGEKVT......CQQWSSNPPTFGGGTMLEIR 106
                                                                                                                                                                                                                                                                                                                                                                                                 // SIDS2/gcgdata/geneseq/geneseqp-embl/AA199.DAT:
// SIDS2/gcgdata/geneseq/geneseqp-embl/AA190.DAT:
// SIDS2/gcgdata/geneseq/geneseqp-embl/AA200.DAT:
// SIDS2/gcgdata/geneseq/geneseqp-embl/AA200.DAT:
// SIDS2/gcgdata/geneseq/geneseqp-embl/AA200.DAT:
// SIDS2/gcgdata/geneseq/geneseqp-embl/AA200.DAT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GenCore version 5.1.3 Copyright (c) 1993 - 2002 Compugen Ltd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /SIDS2/gcgdata/geneseq/geneseqp-emb1/AA1980.DAT:*
/SIDS2/gcgdata/geneseq/geneseqp-emb1/AA1981.DAT:*
/SIDS2/gcgdata/geneseq/geneseqp-emb1/AA1982.DAT:*
/SIDS2/gcgdata/geneseq/geneseqp-emb1/AA1983.DAT:*
/SIDS2/gcgdata/geneseq/geneseqp-emb1/AA1984.DAT:*
/SIDS2/gcgdata/geneseq/geneseqp-emb1/AA1985.DAT:*
/SIDS2/gcgdata/geneseq/geneseqp-emb1/AA1985.DAT:*
/SIDS2/gcgdata/geneseq/geneseqp-emb1/AA1987.DAT:*
/SIDS2/gcgdata/geneseq/geneseqp-emb1/AA1987.DAT:*
/SIDS2/gcgdata/geneseq/geneseqp-emb1/AA1987.DAT:*
/SIDS2/gcgdata/geneseq/geneseqp-emb1/AA1987.DAT:*
                                                                                                                                                                                                                         Length
                                                            106
106
107
107
112
112
112
                                                                                                                                                                                                                           DB
AAW24532
AAW24520
AAW24520
AAW24531
AAW24531
AAW355214
AAB30694
AAB30694
AAB776628
                                                                                                                                                                                                                           ij
                                                                                                                                                                                                                                                                                     SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Search time 58.5251 Seconds (without alignments) 241.342 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 908470
               Anti-Factor IX MAD
Mouse human light
Mouse anti-human F
Murine BC2 light c
Anti-Factor IX MAD
Murine BC2 light c
Murine BC2 light c
Murine GC3 light c
Murine GC4 light c
Murine GC5 anti-7
A fusion of anti-7
Sequence encoded
                                                                                                                                                                                                                       Description
                                                                                                                                                                                                                                                                                                                                             printed,
```

<b>&amp;</b>	200	œ	æ	8	8	8	8	8	80	æ	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	ဖ	و	9	9	9	9	
5.	ū	С	<u>ب</u>	<u>5</u>	σ.	σ.	7.	7.	7.	7.	7.	7.	7.	ω.	0	0.	0	0	۲.	۲.	1.	$\vdash$	<del>ب</del>		2		2	2	.2		2	2	.2	2	
97	97	97	97	97	0	w	ū	Ç	4	0	ω	ω	ω	0	0	0	4	4	ω	ω	ω	235	N	S	w	Ν	Ν	N	Ν	$\sim$	N	Ν	Ν	2	
21	20	17	17	11	13	21	22	21	2	14	18	17	15	16	18	23	14	12	21	20	20	17	L W	13	21	22	20	19	19	19	18	18	18	10	
> :	AY3342	9987	448	0731	72	05	682	256	6052	3426	518	9402	544	88	991	7283	3212	532	802	274	274	7	043	078	8496	909	954	4751	AW4107	4752	1024	1634	W1058	4	
use monoclona	antibody	noclonal anti	nal antibo	domain of anti	uence encoded	ino acid se	rote	meric L6	ti-TNF diab	ab32 V-gene hea	gle-chain an	bB2 scFv.	ence of t	-EGFR antibod	light chai	-NKG2D hybri	ti-IL2R-alpha a	himeric a	dimeric anti-CD	smid pEE14/A5	smid pNG3/A5	rine A5B57 L	B7 antibody	rocessed	mino acid sec	light chain v	se antibody	se 2H7 ant:	se 2H7 antibod	ouse 2H7 antibod	ight chain varia	7 light chain v	н7 antibody lig	H7 VL gene.	

## ALIGNMENTS

AAW24532;

27-DEC-1997

(first entry)

AAW24532 standard; Protein; 106 AA

Chimeric Mus musculus. Chimeric Homo sapiens. Chimeric synthetic. WPI; 1997-385117/35 Blackburn MN, Church WR, Fel Nichols AJ, Padlan EA, Patel 24-OCT-1996; 17-JAN-1996; 17-JAN-1997; 24-JUL-1997. WO9726010-A1. Thrombosis; therapy; chimeric antibody; ar Anti-Factor IX MAb chimeric light chain (SMIK ) SMITHKLINE BEECHAM CORP. (UYVE-) UNIV VERMONT & STATE AGRIC COLLEGE 96US-0029119. 96US-0010108. 97WO-US00759 y; Factor IX; anticoagulant; monocional antibody; antibody engineering; light chain. Feuerstein G2, Grass tel AH, Sylvester LF; Z.

0

```
RESULT 2
AAUBIO02
ID AAUB
XX AAUB
XX AAUB
AC AAUB
AC AAUB
AC MOU
XX Hum
KW Chir
KW Vass
KW Vass
KW Vass
KW Chir
OS Chir
XX USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Вb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     δÃ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        This polypeptide comprises a mouse-human chimeric antibody light chain in which the variable region is derived from mouse anti-human factor IX monoclonal antibody BC2 (see AAW24531) and human sequences from the immunoglobulin RF-TS3'CL framework. It can be expressed in transfected mammalian cells utilising a CDNA construct (see AAT7990) obtained by PCR amplification (see AAT79897-98) of BC2 CDNA and insertion of the PCR product into F9HZHC 1-3 CDNA (see AAT77374). Claimed anti-Factor IX chimeric antibodies are useful in the treatment of thrombosis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Example 7; Page 128; 150pp;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                N-PSDB;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           inhibition
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Inhibiting thrombosis with self-limiting antibody to coagulation factor - avoids uncontrolled bleeding by providing only partial
                                                                                                Treating post-thromboembolic administering anti-factor IX
                          Example
                                                                                                                                                                                                                                                                                                                                                                   15-MAY-2000; 2000US-0571434.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAU81002 standard;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        22-NOV-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Chimeric - Mus sp.
Chimeric - Homo sa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WO200187339-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         thrombolytic agent; anti-factor IX antibody; plasminogen activator; thromboembolic stroke; cerebroprotective; anticoagulant; Thrombolytic; vasotropic; cardiant; anti-respiratory syncytial virus;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mouse-human light chain polypeptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              09-APR-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAU81002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ш
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       QIVLSQSPAILSASPGEKVTMTCRASSSVNYMHWYQQKPGSSPKPWISATSNLASGVPAR 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPPTFGGGTMLEIR 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            QIVLSQSPAILSASPGEKVTMTCRASSSVNYMHWYQQKPGSSPKPWIYATSNLASGVPAR 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FSGSGSGTSYSLTISRVEAEDAATYYCQQWSINPRTFGGGTKLEIK 106
                                                                                                                                                                                                             2002-082944/11
                                                                                                                                                                                                                                                             EC,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   chain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAT79900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      mouse;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Similarity
                             7;
                                                                                                                                                                                                                                                                                                                SMITHKLINE BEECHAM CORP
                                                                                                                                                                                   ABK24005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  106
                             Page 155-156;
                                                                                                                                                                                                                                                             Blackburn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              cardiant; anti-re
variable region;
                                                                                                                                                                                                                                                                                                                                                                                                                      2000WO-US27438.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      BC2; animal post-thromboembolic induced ischaemia;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Protein;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       94.6%;
                                                                                                                                                                                                                                                             MZ,
                             163pp;
                                                                                                                                                                                                                                                                Feuerstein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 526; DB 18;
Pred. No. 1.8e-30;
1; Mismatches 4
                                                                                                     induced i antibody
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   light chain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ð
                             English.
                                                                                                     l ischaemia
ly in combin
                                                                                                                                                                                                                                                             GZ,
                                                                                                     combination
                                                                                                                                                                                                                                                                Toomey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4,
                                                                                                                                  in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                        animal
with a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0,:
                                                                                                          plasminogen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0
```

```
RESULT 3
AAW24520
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ş
 B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Sim
Matches 101;
                                                                                                                                                                                                                                                                                                                                                                                                             Thrombosis; therapy; Factor IX; anticoagulant; memoclonal antibody; humanised antibody; antibody engineering; light chain; CDR; complementarity determining region; myocardial infarction; angina; attial fibrillation; stroke; kidney damage; pulmonary embolism; deep vein thrombosis; coronary angioplasty; pulmonary embolism; deep vein thrombosis; coronary angioplasty;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               post-thromboembolic-induced ischaemia, for preventing thromboembolic stroke in an animal, and for reducing a required dose of a thrombolytagent. Sequences AAU80972-AAU81004 represent antihodies and vector polypeptides used in the method of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   thrombolytic agent in treatment of an animal post-thromboembolic induced ischaemia, comprising administering an anti-factor IX antibody or its fragment, optionally in combination with a plasminogen activator or thrombolytic agent. The method is useful for treating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    The invention relates to a method for treating an animal post-thromogembolic induced ischaemia or reducing a required dose of a
                                                                                                                                                                                                                                                                                                                                                                                                     pulmonary embolism;
disseminated intrava
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AAW24520 standard;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence
                                                                                                                                                                                                                                                                                                                                                                                      shunt;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mouse anti-human Factor IX antibody BC2 light chain variable region
WPI; 1997-385117/35.
                                    Blackburn MN,
                                                            (SMIK )
                                                                                                  24-OCT-1996;
17-JAN-1996;
                                                                                                                                                                                                                                                                                                                                                              Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        26-DEC-1997
                         Nichols AJ,
                                                                                                                                                                 24-JUL-1997
                                                                                                                                                                                                                                             Region
                                                                                                                                                                                                                                                                                  Region
                                                                                                                                                                                                                                                                                                                       Region
                                                                                                                                         17-JAN-1997;
                                                                                                                                                                                            WO9726010-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 QIVLSQSPAILSASPGEKVTMTCRASSSVNYMHWYQQKPGSS-KFWLSATSNLASGVPAR 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        QIVLSQSPAILSASPGEKVTMTCRASSSVNYMHWYQQKPGSSPKPWIYATSNLASGVPAR
                                                                                                                                                                                                                                                                                                                                                                                        prosthesis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Similarity
                                                              SMITHKLINE BEECHAM CORP.
UNIV VERMONT & STATE AGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                    intravascular
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (first entry)
                         Padlan
                                                               VERMONT & STATE AGRIC COLLEGE.
                         Church WR, Feuerstein GZ, G

idlan EA, Patel AH, Sylvester
                                                                                                  96US-0029119.
96US-0010108.
                                                                                                                                          97WO-US00759
                                                                                                                                                                                                                                             /note= "(Claim
88..96
                                                                                                                                                                                                                                                                                    /note= "(Claim 23)"
49..55
                                                                                                                                                                                                                                                                                                                                    Location/Qualifiers
                                                                                                                                                                                                                                                                                                            /label= CDR1
                                                                                                                                                                                                                                                                        /label= CDR2
                                                                                                                                                                                                                                  /label= CDR3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Protein;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   94.68;
                                                                                                                                                                                                                      "(Claim 23)"
                                                                                                                                                                                                                                                                                                                                                                                                     coagulation; artifical organ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score
Pred.
                                                                                                                                                                                                                                                          23)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ą
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     526;
No. 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 23;
L.8e-30;
hes 4;
                          Gross MS;
er DR;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 106;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           indels
                                                                                                                                                                                                                                                                                                                                                                                                        sepsis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               thrombolytic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            60
```

-b--

\*